

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1421	"356"/336-340,342.ccls. and @ad<="20030723"	US-PGPUB; USPAT	OR	ON	2006/05/26 15:14
L3	1	((second adj reflective adj surface) with (second adj focal adj point) and (housing with detect\$3)).clm.	US-PGPUB; USPAT	OR	ON	2006/05/26 15:13
L4	1	((second adj reflective adj surface) with (second adj focal adj point) and (housing with detect\$3))	US-PGPUB; USPAT	OR	ON	2006/05/26 15:13
L5	0	((second adj reflective adj surface) with (second adj focal adj point) and (housing with detect\$3))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 15:13
L6	0	((second adj reflective adj surface) and (second adj focal adj point) and (housing with detect\$3))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 15:14
L7	1	((second adj reflective adj surface) and (second adj focal adj point) and (housing with detect\$3))	US-PGPUB; USPAT	OR	ON	2006/05/26 15:14
L8	105	((second with surface) and (second adj focal adj point) and (housing with detect\$3))	US-PGPUB; USPAT	OR	ON	2006/05/26 15:16
L9	102	8 and @ad<="20030723"	US-PGPUB; USPAT	OR	ON	2006/05/26 15:15
L10	7	((particle\$1 and (reflective or mirror\$2)) and (second adj focal adj point) and (housing with detect\$3))	US-PGPUB; USPAT	OR	ON	2006/05/26 15:19
L11	2	2 and (particle\$1 and (second adj focal adj point) and (housing with detect\$3))	US-PGPUB; USPAT	OR	ON	2006/05/26 15:24
L18	15	("4188543"   "4189236"   "4422761"   "4523841"   "5043591"   "5089714"   "5127729"   "5467189"   "5471299").PN. OR ("5767967").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/26 15:22
L19	0	(particle\$1 and (second adj focal adj point) and (housing with detect\$3))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 15:24
L20	5	(particle\$1 and (second adj focal adj point) and (detect\$3))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 15:25
L21	4	20 and @pd<="20030723"	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 15:25
S1	7	"356"/\$.ccls. and particle and (concave adj reflective adj surface)	US-PGPUB; USPAT	OR	ON	2005/02/05 13:56

## EAST Search History

S2	4	(particle\$1 same sens\$3) and (concave adj reflective adj surface)	US-PGPUB; USPAT	OR	ON	2005/01/21 20:27
S3	26	(particle\$1 same sens\$3) and (concave adj reflect\$3)	US-PGPUB; USPAT	OR	ON	2005/01/21 20:29
S4	22	S3 not (S1 or S2)	US-PGPUB; USPAT	OR	ON	2005/01/21 20:27
S5	52	(particle\$1 same detect\$3) and (concave adj reflect\$3)	US-PGPUB; USPAT	OR	ON	2005/01/21 20:33
S6	40	S5 not S4	US-PGPUB; USPAT	OR	ON	2005/01/21 20:29
S7	13	("3398286"   "3704951"   "3807862"   "4022529"   "4127329").PN. OR ("4281924"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/21 20:32
S8	6	(spherical adj particle\$1 adj detect\$3)	US-PGPUB; USPAT	OR	ON	2005/01/21 20:34
S9	167	(particle\$1 adj detect\$3) and ((spherical or concave) same reflect\$3)	US-PGPUB; USPAT	OR	ON	2005/01/21 20:35
S10	22	("3624835"   "3826574"   "3838926"   "3869208"   "4320978"   "4690560"   "4746215").PN. OR ("4942305").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/04 14:45
S11	19	("3705771"   "4050782"   "4072421").PN. OR ("4273443"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/21 20:53
S12	1	("4422761").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/05 16:11
S13	18	("3248551"   "3457407"   "4022529"   "4088407"   "4188543"   "4245910"   "4311387").PN. OR ("4422761").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/04 14:46
S14	13	("20010035954"   "4422761"   "4984889"   "5467189"   "5726753"   "5731875"   "5767967"   "5805281"   "5815264"   "5999250"   "6016194"   "6104491"   "6137572").PN. OR ("6784990"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/04 14:52
S15	0	S12 and detector	USPAT	OR	ON	2005/02/04 14:53
S16	0	S12 and detect\$2	USPAT	OR	ON	2005/02/04 14:54
S17	1	S12 and photosensor	USPAT	OR	ON	2005/02/04 14:54
S18	22	("3624835"   "3826574"   "3838926"   "3869208"   "4320978"   "4690560"   "4746215").PN. OR ("4942305").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/05 10:38

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S19	25	("2816479"   "2920525"   "3342099"   "3358148"   "3420609").PN. OR ("3624835").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/05 13:11
S20	12	("4320978"   "4444498"   "4485820"   "4523853"   "4867559"   "4883953"   "4942305"   "5164597"   "5251004"   "5422483"   "5533509").PN. OR ("5838429").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/05 13:13
S21	11	("4212539"   "4320978"   "4488814").PN. OR ("4690560").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/05 13:18
S22	23	("3770351"   "3901602"   "4070113"   "4173415"   "4265538"   "4548500"   "4565448"   "4728190"   "4906094"   "4942305"   "4952055"   "5125737"   "5247340"   "5414508"   "5436465"   "5534999"   "5737078"   "5999256"   "6023324"   "6100541"   "6118531"   "6120734"   "6315955").PN. OR ("6774995").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/05 13:19
S23	12	("4320978"   "4444498"   "4485820"   "4523853"   "4867559"   "4883953"   "4942305"   "5164597"   "5251004"   "5422483"   "5533509").PN. OR ("5838429").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/05 13:19
S24	10	("2407113"   "2436262"   "3450501").PN. OR ("3826574").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/05 13:20
S25	14	("3838926"   "3861198"   "4152070"   "4165179"   "4186838"   "4240752").PN. OR ("4320978").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/05 13:21
S26	37	("2263938"   "2646880"   "2678725"   "2759601"   "3058588"   "3150264"   "3171538"   "3197647"   "3260347"   "3283896"   "3489277"   "3490849"   "3838926"   "3914601").PN. OR ("4186838").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/05 13:23
S27	11	("4212539"   "4320978"   "4488814").PN. OR ("4690560").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/05 13:27
S28	574	pham-hoa.xp. or pham-hoa.xa. or allen-stepphone.xp. or allen-stepphone.xa.	US-PGPUB; USPAT	OR	ON	2005/02/05 13:34

## EAST Search History

S29	79	S28 and particle\$1	US-PGPUB; USPAT	OR	ON	2005/02/05 13:36
S30	369	punnoose.xa.	US-PGPUB; USPAT	OR	ON	2005/02/05 13:33
S31	116	pham-hoa.xp. or pham-hoa.xa.	US-PGPUB; USPAT	OR	ON	2005/02/05 13:34
S32	458	allen-stephone.xp. or allen-stephone.xa.	US-PGPUB; USPAT	OR	ON	2005/02/05 13:34
S33	89	S30 and particle\$1	US-PGPUB; USPAT	OR	ON	2005/02/05 13:36
S34	15	"356"/336-340,342.ccls. and particle\$1 and ((focal adj ponit\$1) or focus) and (second adj axis)	US-PGPUB; USPAT	OR	ON	2005/02/05 16:27
S35	14	S34 and @ad<="20030723"	US-PGPUB; USPAT	OR	ON	2005/02/05 17:19
S36	2	((("4422761") or ("5767967"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/02/05 16:11
S37	0	S34 and gold	US-PGPUB; USPAT	OR	ON	2005/02/05 16:26
S38	39	"356"/336-340,342.ccls. and gold	US-PGPUB; USPAT	OR	ON	2006/05/26 14:51
S39	22	S38 and @ad<="20030723" and particle\$1	US-PGPUB; USPAT	OR	ON	2005/02/05 16:31
S40	127	(gold adj reflect\$3) and @ad<="20030723" and particle\$1	US-PGPUB; USPAT	OR	ON	2005/02/05 16:32
S41	4	S40 and "356"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/13 17:14
S42	1	("20040042008").PN.	US-PGPUB	OR	OFF	2005/02/05 17:19
S43	0	("1andphoto\$6").PN.	US-PGPUB	OR	OFF	2005/02/05 17:19
S44	1	S42 and photo\$6	US-PGPUB; USPAT	OR	ON	2005/02/05 17:29
S45	1	"5282151".pn. and photo\$6	US-PGPUB; USPAT	OR	ON	2005/02/05 17:22
S46	1	"5282151".pn. and detect\$3	US-PGPUB; USPAT	OR	ON	2005/02/05 17:23
S47	1	S42 and axis	US-PGPUB; USPAT	OR	ON	2005/02/05 17:29
S48	2	((("3946239") or ("3494693"))).PN.	USPAT	OR	OFF	2005/02/05 21:12
S49	8	((("3248551") or ("5767967") or ("5471299") or ("5467189") or ("5043591") or ("4188543") or ("5565984") or ("3457407"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/13 17:38
S50	2	S49 and (second adj (focus or focal))	US-PGPUB; USPAT	OR	ON	2006/04/13 17:44

## EAST Search History

S51	4	S49 and ((first or second) adj (focus or focal))	US-PGPUB; USPAT	OR	ON	2006/04/13 17:44
S52	1	"5767967".pn. and ellips\$5	US-PGPUB; USPAT	OR	ON	2006/05/13 20:13